## Each chart shows how much asbestos EPA measured in the air at a given site from 9/20/01 through 5/16/02. Totals (for sampling through 05/16/02, in s/mm2) Screening Level: 70 Total Samples: 5263 Sam ples Below Screening Level: 5211 % Below: 99.01% Samples Above Screening Level: 52 % Above: 0.99% Minimum Value: Not Detected Maximum Value: 275.56 Avarene: 128 Avarene: 128 Avarene: 128 Avarene: 128 Avarene: 128 Avarene: 128 # 4 1002 # 10 Average: 12.89 Samples Below Screening Level ■ Samples Above Screening Level 99.01% 408.00 40 41100 - 41100 472 G 472 G 472 G 472 G 472 G 472 G 473 G 474 G 4 2002 4 2002 3 1002 3 1002 3 100 1000 C 10 400 m 400 m 400 m 100 m 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879 | 19879

EPA Fixed Air Monitoring Stations Staten Island Landfill Asbestos TEM Daily Results in S/mm2

In evaluating data from the World Trade Center and the surrounding areas, EPA is using a protective standard under AHERA, the Asbestos Hazard Emergency Response Act, to evaluate the risk from asbestos in the outdoor and indoor air. This is a very stringent standard that is used to determine whether children may re-enter a school building after asbestos has been removed or abated. It is based on assumptions of long-term exposure. EPA has chosen to use this standard because it is the most stringent and protective, even through it is unlikely that the public will be exposed to asbestos from the World Trade Center site for extended periods of time. To determine asbestos levels, affilters are collected from monitoring equipment through which air in the school building has passed and viewed through a microscope. The number of structures - material that has asbestos fibers on or in it - is then counted. The measurements must be 70 or fewer structures be square millimeter before children are allowed inside. Levels above 70 structures per square millimeter do NOT imply an immediate health threat. Asbestos exposure becomes a health concern when high concentrations of asbestos fibers are inhaled over a long period. Illness is very unlikely to result from a single, high-level exposure, or from a short period of exposure to lower levels.